

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-15. (Cancelled)

16. (Currently amended) A thermoplastic polymer chip comprising a shaped polyolefin resin particulate with a major dimension of less than about 10 millimeters and a weight of about 20 to 50 milligrams, the chip comprising a blend of a polyolefin resin and a modified polyolefin resin, the modified polyolefin resin comprising a polymethylene backbone having randomly substituted covalently bonded groups derived from a cyclodextrin compound, the chip comprising about 100 parts by weight of the polyolefin resin and about 0.01 to 10 parts by weight of the modified polyolefin; wherein the cyclodextrin compound is substantially free of a compound in the central pore of the cyclodextrin ring.

17. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the polyolefin comprises a melt index of about 0.5 to 100 g-10 min.⁻¹ and the modified polyolefin is derived from a polyolefin with a melt index of 0.7 to 200 g-10 min.⁻¹.

18. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the polyolefin wherein the polyolefin comprises a melt index of about 1 to 75 g-10 min.⁻¹ and the modified polyolefin is derived from a polyolefin having a melt index of about 1 to 100 g-10 min.⁻¹

19. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the polyolefin comprises a polyethylene.

20. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the modified polyolefin comprises a modified polyethylene.

21. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the polyolefin comprises a polypropylene.

22. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the modified polyolefin comprises a modified polypropylene.

23. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the polyolefin comprises a poly(ethylene-co-propylene).

24. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the modified polyolefin comprises a modified poly(ethylene-co-propylene).

25. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the modified polyolefin comprises a cyclodextrin bonded to a maleic acid modified polyolefin wherein the polyolefin comprises about 0.02 to 5 weight percent maleic anhydride.

26. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the modified polyolefin comprises a cyclodextrin bonded to a maleic acid modified polyolefin wherein the polyolefin comprises about 0.02 to 2 weight percent maleic anhydride.

27. (Currently amended) The thermoplastic polymer chip of claim 19 wherein the polyethylene comprises a low-density polyethylene.

28. (Currently amended) The thermoplastic polymer chip of claim 19 wherein the polyethylene comprises a linear low-density polyethylene.

29. (Currently amended) The thermoplastic polymer chip of claim 19 wherein the polyethylene comprises a high-density polyethylene.

30. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the cyclodextrin compound has a substituent substantially on at least one -OH group.

31. (Currently amended) The thermoplastic polymer chip of claim 16 wherein the cyclodextrin compound has a substituent substantially on at least one substituent at the -2,3 or the -6 position of a glucose moiety.

32-81. (Cancelled)

82. (Previously presented) A thermoplastic polymer chip comprising a shaped polyolefin resin chip with a major dimension of less than about 10 millimeters and a weight of about 15 to 50 milligrams, the chip comprising a polyolefin resin and a modified polyolefin resin, the modified polyolefin resin comprising a cyclodextrin bonded to a backbone carbon of the polymer through a maleic acid residue or to a carbon in a pendent group through a maleic acid residue; wherein the cyclodextrin compound is substantially free of a compound in the central pore of the cyclodextrin ring.

83. (Previously presented) The thermoplastic polymer chip of claim 82 wherein chip comprises about 100 parts by weight of the polyolefin resin and about 0.01 to 10 parts by weight of the modified polyolefin, the polyolefin comprises melt index of about 0.5 to $150 \text{ g-10 min}^{-1}$ and the modified polyolefin is derived from a polyolefin comprising a melt index of about 0.7 to $200 \text{ g-10 min}^{-1}$.

84. (Original) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a melt index of about 1 to 75 g-10 min^{-1} and the modified polyolefin is derived from a polyolefin having a melt index of about 1 to $100 \text{ g-10 min}^{-1}$.

85. (Original) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a polyethylene.

86. (Original) The thermoplastic polymer chip of claim 82 wherein the modified polyolefin comprises a modified polyethylene.

87. (Original) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a polypropylene.

88. (Original) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a polyethylene resin and the modified polyolefin comprises a modified polypropylene.

89. (Original) The thermoplastic polymer chip of claim 82 wherein the polyolefin comprises a poly(ethylene-co-propylene).

90. (Original) The thermoplastic polymer chip of claim 82 wherein the modified polyolefin comprises a modified poly(ethylene-co-propylene).

91. (Previously presented) The thermoplastic polymer chip of claim 82 wherein the modified polyolefin comprises about 0.1 to 8 wt% of the cyclodextrin modified polyolefin.

92. (Previously presented) The thermoplastic polymer chip of claim 91 wherein the modified polyolefin comprises about 0.02 to 2 weight percent maleic acid compound.

93. (Original) The thermoplastic polymer chip of claim 85 wherein the polyethylene comprises a low-density polyethylene.

94. (Original) The thermoplastic polymer chip of claim 85 wherein the polyethylene comprises a linear low density polyethylene.

95. (Original) The thermoplastic polymer chip of claim 85 wherein the polyethylene comprises a high density polyethylene.

96. (Original) The thermoplastic polymer chip of claim 82 wherein the cyclodextrin compound has a substituent substantially on at least one -OH group at the -2 position of a glucose moiety in the cyclodextrin.

97. (Original) The thermoplastic polymer chip of claim 82 wherein the cyclodextrin compound has a substituent substantially on at least one -OH group at the -3 position of a glucose moiety in the cyclodextrin.

98. (Original) The thermoplastic polymer chip of claim 82 wherein the cyclodextrin compound is linked to the maleic acid moiety with least one -OH group at the -6 position of a glucose moiety in the cyclodextrin.

99. (Original) The thermoplastic polymer chip of claim 82 wherein the cyclodextrin compound is linked to the maleic acid moiety with least one -OH group at the -6 position of a glucose moiety in the cyclodextrin.

100-161. (Cancelled)